

**English Module Exam.**

**Text:**

Reinforced concrete is one of the most widely used modern building materials. Concrete is «artificial stone» obtained by mixing cement, sand, and aggregates with water. Fresh concrete can be molded into almost any shape, which is an inherent advantage over other materials. Concrete became very popular after the invention of Portland cement in 19<sup>th</sup> century; however, its limited tension resistance prevented its wide use in building construction. To overcome this weakness, steel bars are embedded in concrete to form a composite material called reinforced concrete. Developments in the modern reinforced concrete design and construction practice were pioneered by European engineers in the late 19<sup>th</sup> century. At the present time, reinforced concrete is extensively used in a wide variety of engineering applications such as buildings, dams and bridges.

**Reading comprehension: (4pts)**

- What is the difference between concrete and reinforced concrete?
- Where do we use reinforced concrete?
- What do the underlined words refer to in the text? (Its - this).
- Find words in the text that are opposites to the following :  
Strength ≠                                  drawback ≠

Mastery of language: (13 pts)

## Part 01: Grammar

**Exercise 1:** Express these sentences differently: (active to passive voice and direct to indirect speech).

- 1) A complete sentence contains a subject and a verb.
- 2) The university has to issue traffic permits to all its new students every year.
- 3) The student said, "We add sugar to the fruit juice; as a result, the fermentation process begins."
- 4) The teacher said, "next week's lesson will be on reported speech."
- 5) "Be careful of drug dealers and don't go out at night", he warned us.
- 6) She asked, "How long have you worked here?"